

WHAT IS CLAIMED IS:

1. ~~A printing apparatus capable of performing a calibration for a print characteristic, comprising:~~

5 holding means for holding calibration information downloaded from a host device;

 generating means for generating calibration information at a predetermined timing; and

10 execution means for comparing a value represented by the calibration information generated by said generating means and a value represented by the calibration information held by said holding means and, when a difference obtained in said comparing exceeds a predetermined value, executing the calibration based
15 on the calibration information generated by said generation means.

2. A printing apparatus capable of performing a calibration for a print characteristic, comprising:

20 holding means for holding calibration information downloaded from a host device;

 generating means for generating calibration information at a predetermined timing; and

25 execution means for comparing a value represented by the calibration information generated by said generating means and a value represented by the calibration information held by said holding means,

when a difference obtained in said comparing exceeds a predetermined value, urging the host device to download the calibration information and executing the calibration based on the calibration information downloaded from the host device.

3. A printing apparatus as claimed in claim 1 or 2, wherein data for the predetermined value is data specified by the host device.

4. A printing apparatus as claimed in claim 1 or 2, wherein when the difference is equal to or smaller than the predetermined value, said execution means executes the calibration based on the calibration information held by said holding means.

5. A printing apparatus as claimed in claim 1 or 2, wherein when the difference exceeds the predetermined value, said execution means notifies an error.

6. A printing apparatus as claimed in claim 5, wherein said execution means, when instruction to skip the error notification is made, executes the calibration based on the calibration information generated by said generating means.

7. A printing apparatus capable of performing a

~~calibration for a print characteristic, comprising:~~

holding means for holding calibration information
downloaded from a host device;

generating means for generating calibration
5 information at a predetermined timing; and

notification means for comparing a value
represented by the calibration information generated
by said generating means and a value represented by
the calibration information held by said holding means
10 and, when a difference obtained in said comparing
exceeds a predetermined value, notifying an error.

8. A printing apparatus as claimed in claim 7,
wherein said execution means performs the comparison
15 on a plurality of values represented by the
calibration information and the predetermined value
can be differentiated from one comparison to another.

9. A printing apparatus capable of performing a
20 calibration for a print characteristic, comprising:

first holding means for holding calibration
information downloaded from a host device; and

second holding means for generating calibration
information at a predetermined timing and holding the
25 generated calibration information.

10. A calibration control method for a printing

apparatus capable of performing a calibration for a
print characteristic, said method comprising the steps
of:

5 holding calibration information downloaded from a
host device;

generating calibration information at a
predetermined timing; and

10 comparing a value represented by the calibration
information generated by said step of generating
calibration information and a value represented by the
calibration information held at said step of holding
calibration information and, when a difference
obtained in said comparing exceeds a predetermined
value, executing the calibration based on the
15 calibration information generated by said step of
generating calibration information.

11. A calibration control method for a printing
apparatus capable of performing a calibration for a
20 print characteristic, said method comprising the steps
of:

holding calibration information downloaded from a
host device;

25 generating calibration information at a
predetermined timing; and

comparing a value represented by the calibration
information generated by said step of generating

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calibration information and a value represented by the calibration information held at said step of holding calibration information, when a difference obtained in said comparing exceeds a predetermined value, urging the host device to download the calibration information and executing the calibration based on the calibration information downloaded from the host device.

10 12. A calibration control method as claimed in claim 10 or 11, wherein data for the predetermined value is data specified by the host device.

15 13. A calibration control method as claimed in claim 10 or 11, wherein when the difference is equal to or smaller than the predetermined value, said execution step executes the calibration based on the calibration information held at said step of holding calibration information.

20 14. A calibration control method as claimed in claim 10 or 11, wherein when the difference exceeds the predetermined value, said execution step notifies an error.

25 15. A calibration control method as claimed in claim 14, wherein said execution step, when instruction to

skip the error notification is made, executes the calibration based on the calibration information generated by said generating step.

- 5 16. A calibration control method as claimed in claim 10 or 11, wherein said execution step performs the comparison on a plurality of values represented by the calibration information and the predetermined value can be differentiated from one comparison to another.

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17. A calibration control method for a printing apparatus capable of performing a calibration for a print characteristic, said method comprising the steps of:

15 holding calibration information downloaded from a host device;

generating calibration information at a predetermined timing; and

- 20 comparing a value represented by the calibration information generated by said step of generating calibration information and a value represented by the calibration information held at said step of holding calibration information and, when a difference obtained in said comparing exceeds a predetermined
- 25 value, notifying an error.

18. A storage medium storing a program which is

readable by an information processing apparatus, said program comprising

calibration control processing for a printing apparatus capable of performing a calibration for a print characteristic, said calibration control processing including the steps of:

holding calibration information downloaded from a host device;

generating calibration information at a predetermined timing; and

comparing a value represented by the calibration information generated by said step of generating calibration information and a value represented by the calibration information held at said step of holding calibration information and, when a difference obtained in said comparing exceeds a predetermined value, executing the calibration based on the calibration information generated by said step of generating calibration information.

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19. A storage medium storing a program which is readable by an information processing apparatus, said program comprising

calibration control processing for a printing apparatus capable of performing a calibration for a print characteristic, said calibration control processing including the steps of:

~~holding calibration information downloaded from a~~
host device;

generating calibration information at a
predetermined timing; and

- 5 comparing a value represented by the calibration
information generated by said step of generating
calibration information and a value represented by the
calibration information held at said step of holding
calibration information, when a difference obtained in
10 said comparing exceeds a predetermined value, urging
the host device to download the calibration
information and executing the calibration based on the
calibration information downloaded from the host
device.